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| Substitute for form 1449/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |      | <b>Complete if Known</b> |                  |
|                                                                                                                                       |      | Application Number       | 10/768,234       |
|                                                                                                                                       |      | Filing Date              | January 30, 2004 |
|                                                                                                                                       |      | First Named Inventor     | Frank A. HUNLETH |
|                                                                                                                                       |      | Art Unit                 | 2671             |
|                                                                                                                                       |      | Examiner Name            | Unassigned       |
| Sheet 2                                                                                                                               | of 2 | Attorney Docket Number   | 0320-002         |

| NON PATENT LITERATURE DOCUMENTS |                       |                                                                                                                                                                                                                                                                 |                |
|---------------------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Examiner Initials*              | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
| CVB                             |                       | International Search Report for PCT/US04/14487                                                                                                                                                                                                                  |                |
| ↓                               |                       | Written Opinion of the International Searching Authority for PCT/US04/14487                                                                                                                                                                                     |                |
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| Examiner Signature |  | Date Considered | 2/25/07 |
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| Sheet | 1 | of | 2 |
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| Art Unit               | 2671             |
| Examiner Name          | Unassigned       |
| Attorney Docket Number | 0320-002         |

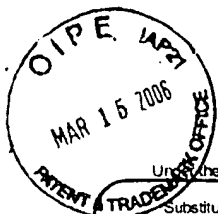
## U. S. PATENT DOCUMENTS

|                       |                                                                                     |                    |         |
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| Examiner<br>Signature |  | Date<br>Considered | 2/15/07 |
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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| Art Unit               | 2173             |
| Examiner Name          | John W. Cabeca   |
| Attorney Docket Number | 0320-002         |

Sheet 1 of 2

### U. S. PATENT DOCUMENTS

| Examiner<br>Initials* | Cite<br>No.† | Document Number              | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
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|                       |              | Number-Kind Code* (if known) |                                |                                                    |                                                                                 |
| LVN                   | 1            | US- 6,765,598                | 06/20/2004                     | KIM                                                |                                                                                 |
|                       | 2            | US- 6,452,609                | 09/17/2002                     | KATINSKY et al.                                    |                                                                                 |
|                       | 3            | US- 6,397,387                | 05/28/2002                     | ROSIN et al.                                       |                                                                                 |
|                       | 4            | US- 6,268,849                | 07/31/2001                     | BOYER et al.                                       |                                                                                 |
|                       | 5            | US- 6,330,858                | 12/18/2001                     | McDONOUGH et al.                                   |                                                                                 |
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|                       | 8            | US- 6,349,257                | 02/19/2002                     | LIU et al.                                         |                                                                                 |
|                       | 9            | US- 6,529,218                | 03/04/2003                     | OGAWA et al.                                       |                                                                                 |
|                       | 10           | US- 6,429,813                | 08/06/2002                     | FIEGEN                                             |                                                                                 |
|                       | 11           | US- 6,415,225                | 07/02/2002                     | KOZAK                                              |                                                                                 |
|                       | 12           | US- 6,385,542                | 05/07/2002                     | MILLINGTON                                         |                                                                                 |
|                       | 13           | US- 5,671,342                | 09/23/1997                     | MILLIER et al.                                     |                                                                                 |
|                       | 14           | US- 5,790,121                | 08/04/1998                     | SKLAR et al.                                       |                                                                                 |
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|                       | 16           | US- 5,982,369                | 11/09/1999                     | SCIAMMARELLA et al.                                |                                                                                 |
|                       | 17           | US- 5,638,523                | 06/10/1997                     | MULLET et al.                                      |                                                                                 |
|                       | 18           | US- 6,400,406                | 06/04/2002                     | KIM                                                |                                                                                 |
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### FOREIGN PATENT DOCUMENTS

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|-----------------------|--------------|---------------------------------------------|-----------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|----|
|                       |              | Country Code* Number* Kind Code* (if known) |                                   |                                                    |                                                                                 |    |
| LVN                   | 19           | GB 2237911A                                 | 05/15/1991                        | Sharp Kabushiki                                    |                                                                                 |    |
|                       | 20           | WO 98/43183                                 | 10/01/1998                        | Sony Electronic                                    |                                                                                 |    |
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|                                                                                                                                              |      | First Named Inventor     | Frank A. HUNLETH |
|                                                                                                                                              |      | Art Unit                 | 2173             |
|                                                                                                                                              |      | Examiner Name            | John W. Cabeca   |
| Sheet 2                                                                                                                                      | of 2 | Attorney Docket Number   | 0320-002         |

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| Examiner Initials*              | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
| LWN                             | 21                    | Verhoeven, A., et al., "Hypermedia on the Map: Spatial Hypermedia in HyperMap," International Conference on Information, Communications and Signal Processing,                                                                                                  |                |
|                                 |                       | ICICS '97, Singapore, September 9-12, 1997, pp. 589-592                                                                                                                                                                                                         |                |
|                                 | 22                    | International Search Report for PCT/US01/08377, mailed July 25, 2005                                                                                                                                                                                            |                |
|                                 | 23                    | International Search Report for PCT/US01/08331, mailed November 13, 2002                                                                                                                                                                                        |                |
|                                 | 24                    | International Search Report for PCT/US01/08261, mailed August 5, 2002                                                                                                                                                                                           |                |
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| Examiner Signature | <i>[Signature]</i> | Date Considered | 2/25/07 |
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| <b>Application Number</b>   | 10/768,234              |
| <b>Filing Date</b>          | January 30, 2004        |
| <b>First Named Inventor</b> | Frank A. HUNLETH et al. |
| <b>Art Unit</b>             | 2173                    |
| <b>Examiner Name</b>        | John W. Cabeca          |
| <b>Attorney Docket No.</b>  | 0320-002                |

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|-----------------------|----------------------|-----------------------------------------|--------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|
|                       |                      | Number-Kind Code <sup>2(If known)</sup> |                                |                                                    |                                                                                 |
| LVN                   |                      | U.S. 5,912,612                          | 06/15/1999                     | DeVOLPI                                            |                                                                                 |
|                       |                      | U.S. 6,195,089                          | 02/27/2001                     | CHANEY et al.                                      |                                                                                 |
|                       |                      | U.S. 6,411,308                          | 06/25/2002                     | BLONSTEIN et al.                                   |                                                                                 |
|                       |                      | U.S. 6,057,831                          | 05/02/2000                     | HARMS et al.                                       |                                                                                 |
|                       |                      | U.S. 5,940,072                          | 08/17/1999                     | JAHANGHIR et al.                                   |                                                                                 |
|                       |                      | U.S. 6,191,781                          | 02/20/2001                     | CHANEY et al.                                      |                                                                                 |
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| N                     |                      | U.S. 5,978,043                          | 11/02/1999                     | BLONSTEIN et al.                                   |                                                                                 |
|                       |                      | U.S. 6,175,362                          | 01/16/2001                     | HARMS et al.                                       |                                                                                 |
|                       |                      | U.S.                                    |                                |                                                    |                                                                                 |
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| LVN                   |                          | US- 2002/0112237-A1                      | 08/15/2002                     | KELTS                                              |                                                                                 |
|                       |                          | US- 6,154,723                            | 11/28/2000                     | COX et al.                                         |                                                                                 |
|                       |                          | US- 6,426,761                            | 07/30/2002                     | KANEVSKY et al.                                    |                                                                                 |
|                       |                          | US- 6,005,578                            | 12/21/1999                     | COLE                                               |                                                                                 |
|                       |                          | US- 5,745,710                            | 04/28/1998                     | CLANTON, III et al.                                |                                                                                 |
|                       |                          | US- 5,835,156                            | 11/10/1998                     | BLONSTEIN et al.                                   |                                                                                 |
|                       |                          | US- 6,016,144                            | 01/18/2000                     | BLONSTEIN et al.                                   |                                                                                 |
|                       |                          | US- 6,049,823                            | 04/11/2000                     | HWANG                                              |                                                                                 |
|                       |                          | US- 6,002,394                            | 12/14/1999                     | SCHEIN et al.                                      |                                                                                 |
|                       |                          | US- 5,045,843                            | 09/03/1991                     | HANSEN                                             |                                                                                 |
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|                       |                          | US- 6,753,849                            | 06/22/2004                     | CURRAN et al.                                      |                                                                                 |
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|                       |                          | US-                                      |                                |                                                    |                                                                                 |
|                       |                          | US-                                      |                                |                                                    |                                                                                 |

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|                       |                          | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) |                                   |                                                    |                                                                                 |   |
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|---------------------------------------------------------------------------------------------------|------|---------------------------------|------------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |      | <b>Complete if Known</b>        |                  |
|                                                                                                   |      | Application Number              | 10/768,234       |
|                                                                                                   |      | Filing Date                     | January 30, 2004 |
|                                                                                                   |      | First Named Inventor            | Frank A. HUNLETH |
|                                                                                                   |      | Art Unit                        | 2671             |
|                                                                                                   |      | Examiner Name                   | Unassigned       |
| Sheet 2                                                                                           | of 2 | Attorney Docket Number 0320-002 |                  |

| NON PATENT LITERATURE DOCUMENTS |                       |                                                                                                                                                                                                                                                                                      |                |
|---------------------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Examiner Initials*              | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.                      | T <sup>2</sup> |
| LWN                             | 1                     | QUESENBERRY, W., et al., Designing for Interactive Television, <a href="http://www.wqusability.com/articles/itv-design.html">http://www.wqusability.com/articles/itv-design.html</a> , 1996, pp. 1-6                                                                                 |                |
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|--------------------|-------------------------------------------------------------------------------------|-----------------|---------|
| Examiner Signature |  | Date Considered | 2/25/07 |
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